

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	537	(431/153).ccls. and @pd<="20031110"	US-PGPUB; USPAT	OR	OFF	2008/08/06 07:09
S2	1	10/578852	US-PGPUB; USPAT	OR	OFF	2008/08/06 07:10
S3	2267	(431/344,345,255,265,277,243).ccls. and @pd<="20031110"	US-PGPUB; USPAT	OR	OFF	2008/08/06 08:05
S4	38	("2498377"   "3540823"   "3758820"   "4259059"   "4462791"   "4921420"   "5145358"   "5262697"   "5334011"   "5496169"   "5520197"   "5531591"   "5645414"   "5697775"   "5854530"   "5897308"   "5934895"   "5971751"   "6022212"   "6042367"   "6077071"   "6086360"   "6093017"   "6213759"   "6224368"   "6267582").PN. OR ("6488492"). URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 09:59
S5	0	((431/153).ccls. and @pd<="20031110") and ((weight with balance) same (horizontal\$3))	US-PGPUB; USPAT	OR	OFF	2008/08/06 10:47
S6	0	((431/153).ccls. and @pd<="20031110") and ((weight with balance) same (horizontal\$3))	US-PGPUB; USPAT	OR	ON	2008/08/06 10:48
S7	2313	((weight with balance) same (horizontal\$3))	US-PGPUB; USPAT	OR	ON	2008/08/06 10:48
S8	174	((weight with balance) near5 (horizontal\$3))	US-PGPUB; USPAT	OR	ON	2008/08/06 10:49
S9	425	(rod or extension or shaft or pole) with ((pivot \$4 or rotat\$8) near4 (hous\$3 or (annular guide) or ring)) same ((balanc\$3 or horizontal and (weights))	US-PGPUB; USPAT	ADJ	ON	2008/08/06 11:31
S10	8	("2933963"   "2951405").PN. OR ("4028968"). URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 12:01
S11	105	(81/450).ccls. and @pd<="20031110"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 12:05
S12	9898	(shaft or rod or tube or extension) same (balance near3 weight)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 12:22
S13	8114	(shaft or rod) same (balance near3 weight)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 12:22
S14	36	((shaft or rod) same (balance near3 weight)) with (((fix or kept or maintain\$3 or position\$3) near4 horizontal)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 12:23
S15	54	((cylindric\$3 or circul\$3) adj (hous\$3)) same (balance near2 weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/08/06 12:26
S16	1	((431/344,345,255,265,277,243).ccls. and @pd<="20031110") and (balance near3 weight)	US-PGPUB; USPAT	OR	ON	2008/08/06 12:33

S17	1014	((pivot\$4 or rotation\$3) near3 (rod or shaft or extension)) same (((maintain or fix or ke\$2 or position or balance) near3 (horizontal)) with (weight or balance))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/08/06 12:39
S18	76	((("431" clas. and @pd<="20031110") and ((light\$3 and (balanc\$3 with weight)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 08:35
S19	202380	((light\$3 or ignit\$3) and ((rod or exten\$4 or flame) with (pivot\$4 or balanc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/06 08:59
S20	202380	((light\$3 or ignit\$3) and ((rod or exten\$4 or flame) with (pivot\$4 or balanc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 09:00
S21	1217	((light\$3 or ignit\$3) and ((rod or exten\$4 or flame) with (pivot\$4 or balanc\$3)) same (counter?weight or (counter near2 weight))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 09:01
S22	25207	((lighter or igniter) and ((rod or exten\$4 or flame) with (pivot\$4 or balanc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 09:05
S23	24840	((lighter or igniter) and ((rod or exten\$4) with (pivot\$4 or balanc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 09:06
S24	1588	((igniter) and ((rod or exten\$4) with (pivot\$4 or balanc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 09:06
S25	0	((431/25b).cls. and @pd<="20031110"	US-PGPUB; USPAT	OR	OFF	2009/05/06 09:46
S26	132	((431/25).cls. and @pd<="20031110"	US-PGPUB; USPAT	OR	OFF	2009/05/06 09:46
S27	1128	((counter near2 weight) or (counterweight)) same ((position\$3 or plac\$3) with (across or oppos\$3)) same (balanc\$3 and pivot\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 09:57
S28	1108	((counter near2 weight) or (counterweight)) same ((position\$3 or plac\$3) with (across or oppos\$3)) same (balanc\$3 and pivot\$3) and @pd<="20031110"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 09:58
S29	180	((counter near2 weight) or (counterweight)) same ((position\$3 or plac\$3) with (across or oppos\$3)) same ring) same (balanc\$3 and pivot\$3) and @pd<="20031110"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 09:59

S30	5167	((counter near2 weight) or (counterweight)) same ((position\$3 or plac\$3) with (ring or circ \$4 or annul\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 10:08
S31	138	((counter near2 weight) or (counterweight)) same ((position\$3 or plac\$3) with (ring or circ \$4 or annul\$3)) same (balanc\$3 with rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 10:08
S32	0	((oppositely near4 (position\$3 or plac\$3)) with (counterweight or (counter near2 weight)) with (ring?like or dicular)) same (pivot\$3 or balanc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 10:16
S33	39	(oppositely near4 (position\$3 or plac\$3)) with (counterweight or (counter near2 weight))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 10:17
S34	33	((position\$3 or plac\$3) near5 (counterweight or (counter near2 weight))) with (ring?like or dicular)) same (pivot\$3 or balanc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 10:20
S35	79	((position\$3 or plac\$3) near5 (counterweight or (counter near2 weight))) with (ring?like or dicular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/06 10:23
S36	50	(pivotal) near4 flame	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/12 19:47
S37	15	09/704688	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/13 09:51
S38	35	("2498377"   "3540823"   "3758820"   "4259059"   "4462791"   "4921420"   "5145358"   "5262697"   "5334011"   "5496169"   "5520197"   "5531591"   "5645414"   "5697775"   "5854530"   "5897308"   "5934895"   "5971751"   "6022212"   "6042367"   "6077071"   "6086360"   "6093017"   "6213759"   "6224368"   "6267582").PN. OR ("6491515"). URP.N.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 10:18
S39	300	(431/254).ccls. and @pd<="20031110"	US-PGPUB; USPAT	OR	OFF	2009/10/13 10:25
S40	167	(431/258).ccls. and @pd<="20031110"	US-PGPUB; USPAT	OR	OFF	2009/10/13 11:35
S41	1435	((weight near8 ring) with balanc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 11:38
S42	133	((weight near8 ring) with balanc\$3) same (rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 11:39

S43	24	((opposit\$3 near4 weight) with ring) same (balanc\$3 with (rod or extension or pole or shaft))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 11:44
S44	0	("2979859").URPN.	USPAT	ADJ	ON	2009/10/13 11:47
S45	31	("1883100"   "2363655"   "3011792"   "3167317"   "3231283"   "3292935"   "3297830"   "3319967"   "3366382"   "3380744"   "3645541"   "3682485"   "3836155"   "4079943"   "4101133"   "4113265"   "4146236"   "4162076").PN. OR ("4587646").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 12:01
S46	14	("1463931"   "3588104"   "3623725"   "3940132"   "4161313").PN. OR ("4352494"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 12:05
S47	43	("1218689"   "1265899"   "1352005"   "1402312"   "1733821"   "1761023"   "2543447"   "3453894"   "3618403"   "3678764").PN. OR ("4003265").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 12:08
S48	36	(maintain\$3 near5 balance) with (opposite\$3 near5 weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 12:16
S49	27	((maintain\$3 near5 horizontal) with position \$3) with (rod or shaft or extension)) same (balanc\$3 with weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 12:21
S50	17	(free near4 rotat\$3) with ((maintain\$ near3 (balanc3 or position)) with weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 12:32
S51	634	(free near4 rotat\$3) with (maintain\$ near3 (balanc3 or position))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 12:33
S52	9	(annular groove) with (opposit\$3 near4 weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 12:35
S53	29	(counter?weight) with (balanc\$3 near4 rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 12:47
S54	58	(counter?weight) with (balanc\$3 near4 shaft)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 12:48
S55	6	(counter?weight) with (annular groove)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 12:48

S56	5	("4079943").PN. OR ("4146236").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 13:03
S57	16	("2156862"   "3805398"   "4484186"   "4571844"   "5332181"   "5480114"   "5577414"   "5667186"   "5713545"   "6045104"   "6105909").PN. OR ("6186023"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 13:08
S58	29	("3410154").URPN.	USPAT	ADJ	ON	2009/10/13 13:10
S59	1	(self near4 balanc\$3) with (shaft or rod or extension or arm or pole) with (opposite\$3 near8 weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 13:11
S60	0	("1239961").URPN.	USPAT	ADJ	ON	2009/10/13 13:16
S61	339	((opposite\$3 with weight) with ring)	USPAT	ADJ	ON	2009/10/13 13:21
S62	342	((opposite\$3 with weight) with groove)	USPAT	ADJ	ON	2009/10/13 13:25
S63	39	((opposite\$3 with weight) with groove) same balance	USPAT	ADJ	ON	2009/10/13 13:26
S64	17499	(rod or extension or shaft or arm or pole) with (balanc\$3 near8 weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 13:33
S65	1820	(rod or extension or shaft or arm or pole) same ((balanc\$3 near8 weight) with (ring or annul\$3 or circumferential or circ\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/10/13 13:34
S66	434	(rod or extension or shaft or arm or pole) same ((balanc\$3 near8 weight) with (ring or annul\$3 or circumferential or circ\$4))	USPAT	ADJ	ON	2009/10/13 13:34
S67	4	("20030088383"   "5813346"   "6505142"   "6640704").PN. OR ("6786154").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/13 15:12
S68	3925	(lighter or ignitor) and (free with state)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:46
S69	382	(lighter or ignitor) and (free with state) and flame	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 11:46
S70	784	(lighter or ignitor) and (rod with (swing\$3 or rotat\$3 or angle)) and flame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/06 11:55
S71	3345	(lighter or ignit?r) and (flame same rotat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/06 14:24
S72	81	(lighter or ignit?r) and ((flame with rotat\$3) same lock\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/06 14:25

S73	2084	(lighter or ignit?) and (rod same flame)	US-PGPUB; USPAT; USOCR; FPHS; EPO; JPO; DERWENT	ADJ	ON	2010/04/06 14:29
S74	22	("20020055076"   "20020055077"   "20030208908"   "20040045171"   "20050155226"   "20060073432"   "20070160945"   "20080057454"   "20080070173"   "4538983"   "5697775"   "5964036"   "6488492"   "6726469"   "6908302"   "6916171"   "6945773"   "6971870"   "6984123"   "7070408"   "7311518"   "7500850"),PN. OR ("7625203"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:37
S75	19988	(rotat\$3 same (balanc\$3 with weight))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 14:59
S76	350	(rotat\$3 same (balanc\$3 with weight)) same (free with horizontal\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/06 15:00
S77	271	(knife same blade) and (rotat\$3 same (balanc \$3 with weight))	US-PGPUB; USPAT; USOCR; FPHS; EPO; JPO; DERWENT	ADJ	ON	2010/04/06 16:09

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